## FIGURE 1

PhenoSense-HBV: Indicator Gene Viral Vector

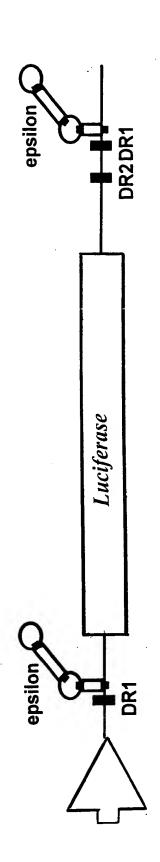
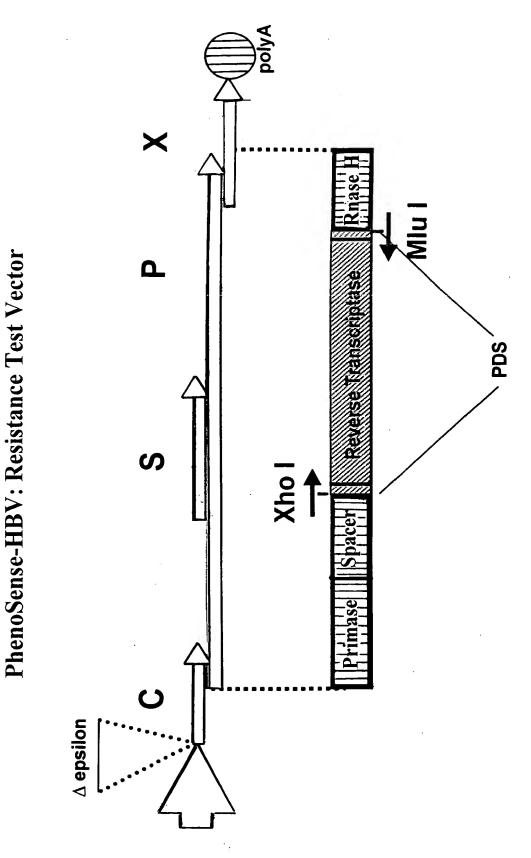


FIGURE 2



DUBERTA CICATE

## FIGURE 3

A) NDV		$N \sim C$
S		
M	PreS2=	
L	PreS2	
B) HFV	M	c
C1) HBV/HFV	-PreS2-	
C2) HBV/HFV		